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Student Research Training Program

National Cancer Institute

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

Public Health Service

National Institutes of Health

HE 20.3152:

Eligibility Requirements

Applicants must:

- be bona fide high school, college, graduate or medical school students;
- be at least 16 years of age (students under 18 will be required to obtain parental consent and a work permit);
- have a cumulative grade point average of 2.75 or more (based on 4.0 maximum); and
- be either a U.S. citizen or resident alien.

How to Apply

Applicants must submit the following materials to the Administrative Officer of the Division in which they want to pursue fellowship opportunities:

- an SF-171 (Personal Qualifications Statement) or résumé;
- an official transcript/list of courses and grades which includes a current grade point average;
- a letter from the school verifying that the applicant is a student and in good academic standing;
- a cover letter or brief statement prepared by the applicant which includes: (a) the applicant's current course of study/academic interests; (b) academic

goals and career interests; (c) reasons for wishing to participate in the Student Research Training Program; and (d) name of the NCI division in which applicant would like to train;
- parental consent letter and work permit if under 18 years of age.

Areas for Training Opportunities

Division of Cancer Biology and Diagnosis (DCBD):

The Intramural Research Program of Division of Cancer Biology and Diagnosis conducts laboratory and clinical research in cancer biology, cancer diagnosis, and immunology. The Division will provide training to highly motivated students interested in pursuing biomedical research careers. The research training emphasizes molecular biology, biochemistry, and immunology and their applications to cancer research. There are opportunities to learn basic techniques of recombinant DNA technology and how these powerful methods can be applied to studies of gene regulation in cancer cells and normal cells. There are also programs that will give students the opportunity to learn how the fundamental studies of cellular regulation can be applied to clinical problems in cancer diagnosis and treatment.

Contact: National Cancer Institute
Division of Cancer Biology and
Diagnosis (DCBD)
Administrative Office
Building 31, Room 3A05
9000 Rockville Pike
Bethesda, MD 20892
(301) 496-3381

Division of Cancer Etiology (DCE):

Investigators in the Division of Cancer Etiology carry out basic research on cancer causation and basic research on prevention. Using the disciplines of clinical medicine, genetics, mathematics

and biometry, epidemiologic studies of human populations are also performed to identify risk factors predisposing to various cancers. Investigations in the area of biological carcinogenesis include studies on tumor viruses, viral and cellular oncogenes, control of gene expression and growth factors. Studies in the area of chemical and physical carcinogenesis cover a broad range of approaches with emphasis on mechanisms of action, of carcinogens and development of strategies for reversing or preventing the process of carcinogenesis.

Contact: National Cancer Institute
Division of Cancer Etiology (DCE)
Administrative Office
Building 31, Room 11A11
9000 Rockville Pike
Bethesda, MD 20892
(301) 496-6556

Division of Cancer Prevention and Control (DCPC):

Fellowship assignments in the Division of Cancer Prevention and Control might require: (1) the acquisition and analysis of data from intramural and collaborative studies on nutritional assessment, cancer control and evaluation, epidemiological studies or on the conduct of clinical trials; and (2) training as a research assistant in the Prevention Program where duties could include participation in the planning and conduct of intramural research in the areas of diet, nutrition and cancer; cancer chemoprevention and occupational cancer studies and other intervention research aimed at lowering cancer risk.

In addition, fellowship assignments are available in extramural programs in such areas as smoking, chemoprevention, nutrition, health promotion, community programs, detection, cancer control applications and special population studies.

Contact: National Cancer Institute
Division of Cancer Prevention and Control (DCPC)
Administrative Office

Building 31, Room 10A50
9000 Rockville Pike
Bethesda, MD 20892
(301) 496-9606

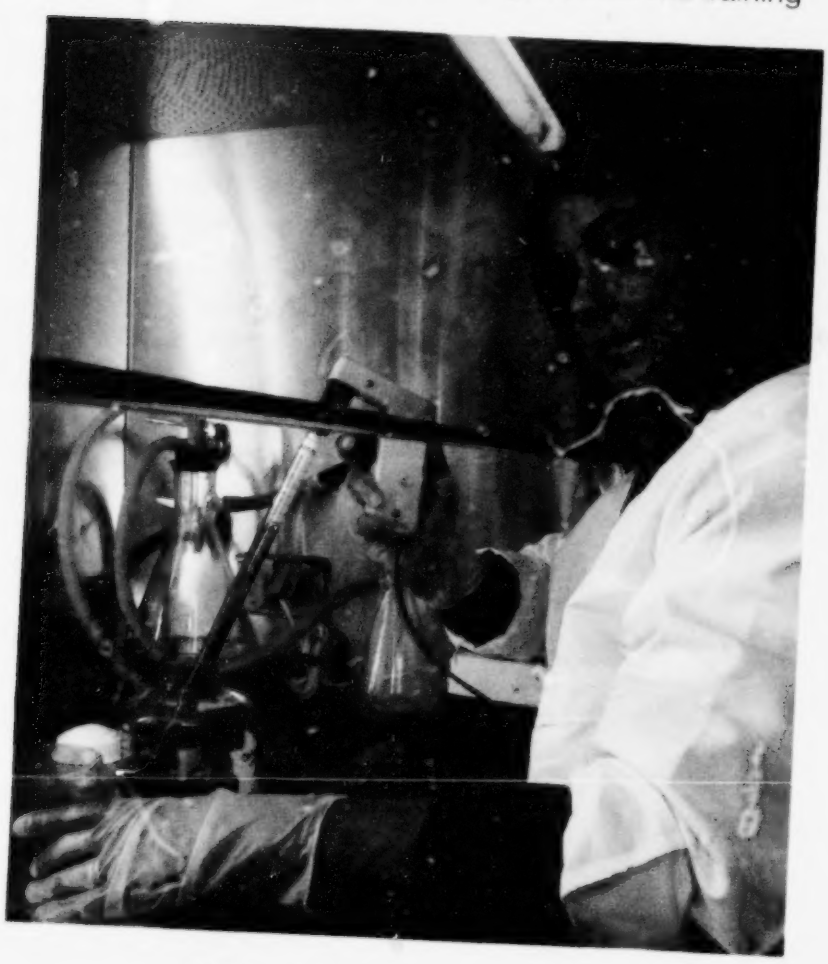
Division of Cancer Treatment (DCT):

The Division of Cancer Treatment is responsible for the development and evaluation of new therapies for the control and cure of cancer. The major emphasis in the treatment research program is on optimal integration of basic and clinical research in all modalities of therapy, including chemotherapy, surgery, radiation therapy, biological response modifiers program, and immunotherapy. Students participating in the Student Research Training Program may expect fellowship projects sponsored by one of the multi-divergent laboratories within the Clinical Oncology Program, the Developmental Therapeutics Program, or the Biological Response Modifiers Program. Work may involve molecular cloning applications; DNA mapping; oncogene theory; pharmacology of multidrug resistance; pharmacology of DNA; new drug synthesis; pre-clinical drug discovery; development of anti-cancer drugs; radiation biology; and immunotherapy with IL-2.

Contact: National Cancer Institute
Division of Cancer Treatment (DCT)
Administrative Office
Building 31, Room 3A50
9000 Rockville Pike
Bethesda, MD 20892
(301) 496-5964

Program Information

The National Cancer Institute (NCI), National Institutes of Health, is sponsoring training fellowships through the Student Research Training Program (SRTP). This program will provide training to students interested in biomedical research. The NCI is among one of the most distinguished centers for biomedical research in the world. Its research hospital and laboratory facilities are in Bethesda, Maryland, a suburb of Washington, D.C. The training



fellowships will provide students with an opportunity to develop research skills as well as provide continuing education and training experience within the Institute's various research programs. Students will be selected on a competitive basis from applicants judged to have the most potential. The length of training fellowships may vary from two months to six months, not to exceed six months during any one 12-month period. Participants will receive a stipend for the fellowship commensurate with their qualifications.

Deadline for Application:

Applications must be received by March 1 for the spring and summer months and by October 1 for the fall and

Additional Information

For information concerning the Student Research Training Program, contact the Administrative Office that best meets your training needs.

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